



Development and Application for Laser Spectroscopies

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Deadline for manuscript submissions:

closed (31 December 2023)

Message from the Guest Editors

In recent decades, remote sensing based on laser techniques has increased in importance and number of applications in many different fields, spanning from Earth observation to security applications. Therefore, we are proposing this Special Issue to present the state of the art and new trends in laser spectroscopic techniques applied in the field of remote sensing, highlighting peculiarities, and complementarities. Authors are invited to submit reviews, providing an up-to-date and critical overview of the state of the art, and original research articles dealing with:

- Design and development of innovative prototypes and sensors;
- Application of remote sensing techniques based on laser spectroscopies and methods;
- Combination and comparison of laser techniques with other remote sensing systems;
- Data processing and interpretation, data fusion.

Moreover, topics include but are not limited to:

- Earth observation (ocean, atmosphere, cryosphere, bathymetry, geodesy, etc.);
- Environmental monitoring (aerosol, gases, clouds, etc.);
- Security and forensics;
- Cultural heritage diagnostics and 3D reconstruction.





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Message from the Editorial Board

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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